

(19) BUNDESREPUBLIK **DEUTSCHLAND**

Offenlegungsschrift ₁₀₀ DE 196 07 646 A 1

(51) Int. Cl. 6: G 01 N 33/497 G 01 N 33/94

G 01 N 21/78 A 61 B 5/083 G 01 N 31/22



DEUTSCHES PATENTAMT Aktenzeichen: Anmeldetag:

196 07 646.3 29. 2.96

Offenlegungstag:

11. 9.97

(71) Anmelder:

Volkmann, Jörg, 06456 Freckleben, DE; Ullwer, Steffen, 06449 Aschersleben, DE; Mühlenberg, Meinhard, 06463 Reinstedt, DE; Topf, Manfred, 06456 Drohndorf, DE

(72) Erfinder:

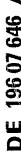
gleich Anmelder

(56) Für die Beurteilung der Patentfähigkeit in Betracht zu ziehende Druckschriften:

> 43 05 593 C1 DE 29 35 881 C2 DE US 46 56 008 US 42 88 344 US 41 96 167 36 76 072 US 03 36 827 A1 EP ΕP 01 32 313 A2 88 09 496 A1 WO

McCARTHY, T.J., et.al.: Breath analysis of cannabis smokers. In: J. Pharm. Pharmac., 1972, 24, S.489, S.490;

(A) Cancolor - Schnelltest zur Erkennung von Cannabinoiden im Straßenverkehr



DERWENT-ACC-NO: 1997-449747

DERWENT-WEEK: 199742

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Detection of consumption of hashish or marijuana - in body fluid, or especially air (breath analysis), using indicator that turns red

INVENTOR: MUEHLENBERG, M; TOPF, M; ULLWER, S; VOLKMANN, J

PATENT-ASSIGNEE: MUEHLENBERG M[MUEHI], TOPF MNBERG M[TOPFI],

ULLWER SERG

M[ULLWI], VOLKMANN JG M[VOLKI]

PRIORITY-DATA: 1996DE-1007646 (February 29, 1996)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC DE 19607646 A1 September 11, 1997 N/A 003 G01N 033/497

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO APPL-DATE DE 19607646 A1 N/A 1996DE - 1007646 February 29, 1996

INT-CL (IPC): A61B005/083; G01N021/78; G01N031/22; G01N033/497; G01N033/94

ABSTRACTED-PUB-NO: DE19607646A

BASIC-ABSTRACT: Detection of the consumption of hashish and marijuana in body fluids (blood, urine, sweat or saliva) is claimed (no further details). Also claimed is the detection of consumption of hashish and marijuana in breath, using a test tube with an indicator that turns red, when a user exhales into the tube. This is especially for the use of the police who are controlling traffic (no further details).

ADVANTAGE - The test is rapid, and can be operated at the road side. The test offers a practical contribution to road safety, by deterring drug use by drivers.

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS:

DETECT CONSUME MARIJUANA BODY FLUID AIR BREATH ANALYSE INDICATE TURN RED

DERWENT-CLASS: B04 J04 P31 S03

CPI-CODES: B04-A08C2; B04-A09B; B04-B04B1; B04-B04D5; B04-B04G; B10-A16;

B11-C07B; B12-K04A; J04-B01; J04-C01;

EPI-CODES: S03-E04E; S03-E09E; S03-E14H9;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
Fragmentation Code
M423 M710 M903 N135 Q233 V754

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-143616 Non-CPI Secondary Accession Numbers: N1997-374614

11/04/2002 FAST Version: 1.03.0002